

Notice

Canadian Standards Association has published the National Standard Z98:19 Passenger Ropeways and Passenger Conveyors

Discipline Passenger Ropeways

Effective Date April 1, 2020

The CSA Group has published CSA Z98:19 standard for the design, manufacture, construction, modification, operation, inspection, testing and maintenance of passenger ropeways and passenger conveyance. It is available at CSA Group at [1-800-463-6727](tel:1-800-463-6727) or online on the [CSA website](#).

NEW Non-destructive testing of haul ropes on Surface lifts as per CSA Z98-19.

Owner/Operators of Surface Ropeways must meet Non-Destructive test requirements as per CSA Z98-19 clause 11.8.3 (c).

c) In passenger ropeways as per Clause 7, initial haul rope MRT examinations shall be performed at intervals not exceeding 72 months. Subsequent MRT examinations shall be performed at intervals not exceeding 36 months. When it is anticipated that the date for the test will occur during an operating period, the test shall be performed before that period.

Other notable Changes from previous edition include:

- a) the addition of a new, informative Annex L featuring notes on clauses;
- b) updated requirements for the following:
 - i) end connections;
 - ii) covered passenger conveyors;
 - iii) track ropes;
 - iv) emergency brakes;
 - v) operating in wind or icing conditions;
 - vi) clearances;
 - vii) brakes on surface lifts;
 - viii) non-destructive testing [magnetic rope test (MRT)] for rope on T-bars;
 - ix) braking on rope tows;
 - x) ropeways for secondary carriers; and

- xi) groove contamination; and
- c) updated reference standards.

TRANSITION PERIOD

Municipal Affairs recognizes that stakeholders and industry may require a transition period to comply with new code requirements. The CSA Z98:19 edition came into force in Alberta on April 1, 2020, with timely adoption under the *Alberta Passenger Ropeway and Passenger Conveyors Standards Regulation*. A transition period to allow stakeholders and industry the time to prepare for the amendments will be given and application of the Standard will begin April 1, 2020 by Alberta Elevating Devices and Amusement Ride Safety Association.

Policy:

AEDARSA will require Operators of Surface Ropeways meet the requirements of *CSA Z98-19 clause 11.8*. Specifically, **CSA Z98-19 clause 11.8.3 (c)** before **April 1st, 2023**. A copy of an interpretive report on the tests shall be kept in a rope log. This report shall include, but not be limited to, the following:

- diameter measurements;
- broken wire locations;
- broken wire locations visually confirmed;
- condition of splices and repairs;
- locations of mechanical damage;
- hours of operation since the last inspection;
- general rope condition, lubrication, cleanliness, and surface corrosion;
- locations requiring special inspection;
- estimate of loss of metallic cross-sectional area (LMA);
- a statement that the rope meets the requirements of this Standard; and
- the signature of the test interpreter and the date.

Visual inspection of the exposed length of the haul rope at established intervals not exceeding one year or 2000 h of operation, whichever comes first, or immediately after any incident that could affect the condition of the rope is still required and shall be kept in a rope log.

For further information, contact Municipal Affairs, Public Safety Division toll-free at 1-866-421-6929 or safety.services@gov.ab.ca